REMARKS/ARGUMENTS

Applicant thanks Examiner for the detailed Office Action dated September 8, 2006. In response to the issues raised, the Applicant offers the following submissions and amendments.

Amendments

Pages 1 and 2 of the description have been amended merely to replace US Application numbers with Us granted Patent numbers accordingly.

Claim 5 has been amended to highlight that the components of the cartridge are mounted to the body for convenient user insertion into, and removal from the printer. The amendments also explicitly define that the print chips are fabricated on separate monolithic wafer substrates. Theses features are described in the "Print Cartridge" subsection beginning at page 5.

Accordingly, the amendments do not add new matter.

35 U.S.C. §103 - Claims 2 to 5

Claims 2 to 5 stand rejected for lack as obvious in light of US 6,443,555 to Silverbrook in view of US 6,722,759 to Torgerson et al.

The '555 reference does not disclose a cartridge that has a pagewidth printhead and ink storage mounted to a body configured for user insertion and removal from the printer cradle. The '555 printer is a wide format printer with seven printhead units 3 extending the width of the media (54 inches). These units are not mounted to a body that is user removable from the printer casing 56. Likewise the ink cartridges 6 are not mounted to a body that is user removable from the printer casing 56. The citation does not teach a cartridge that has a pagewidth printhead and ink storage.

Simlarly, Torgerson does not teach a printer cartridge with two print chips fabricated on monolithic wafer substrates which in combination, extend the width of the print media. Skilled addressees understand that 'print chips' are printhead integrated circuits that have the individual ink ejection nozzles fabricated on a monolithic substrate.

In contrast, the present invention is a cartridge with two print chips for use in a printer. The entire cartridge, including the print chips and ink storage, is removable and replaceable. Using two print chips in the cartridge allows a pagewidth design that has a simple and reliable electrical interface with the printer controller. Two print chips allow the interface for each chip to be at either end of the printhead. The number of electrical contacts is divided between the interfaces at each end and the compressive force aligned down the longitudinal axis of the printhead maintains the connection between the contacts and secures the cartridge into position.

Accordingly, the cited references do not teach fundamental elements of the present invention and therefore fails to anticipate any of claims 2 to 5.

Conclusion

It is respectfully submitted that the Examiner's rejection has been successfully traversed and the application is now in condition for allowance. Accordingly, favorable reconsideration is courteously solicited.

Very respectfully,

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